

In the Claims

Claims 1 – 14 (Previously Cancelled)

15. (Currently Amended) A porous conductive sheet which is disposed in layers with a catalyst layer, and used as a current collector of a fuel cell comprising:

inorganic electrically conductive fibers,

adhesive imparting ~~material~~material, and

expanded graphite particles adhered to the inorganic electrically conductive fibers with the adhesive imparting material and disposed to form a sheet, wherein surfaces of the expanded graphite particles are recessed at contact faces between the inorganic electrically conductive fibers and the expanded graphite particles.

16. (Previously Amended) A porous conductive sheet according to claim 15, which further contains a water repellent material.

Claims 17 – 18 (Previously Cancelled)

19. (Previously Amended) A porous conductive sheet according to claim 15, wherein the length of the inorganic electrically conductive fibers is 3 mm or more.

20. (Previously Amended) A porous conductive sheet according to claim 15, wherein the diameter of the inorganic electrically conductive particles is 1/2 or more of the diameter of the inorganic electrically conductive fibers.

21. (Previously Amended) A porous conductive sheet according to claim 15, wherein the inorganic electrically conductive fibers are carbon fibers.

22. (Previously Amended) A porous conductive sheet according to claim 15, which has an electric resistance of $150 \text{ m}\Omega \cdot \text{cm}^2$ or less.

23. (Previously Amended) A porous conductive sheet according to claim 15, which has

a thickness of 0.02 to 0.3 mm and a unit weight of 10 to 220 g m².

24. (Currently Amended) A porous conductive sheet according to claim 15, which has a tensile strength of 0.49 N/10 mm width or more.

25. (Previously Amended) A porous conductive sheet according to claim 15, which is used as a current collector of a fuel cell.

26. (Previously Amended) A current collector for a fuel cell, comprising the use of the porous sheet as set forth in claim 15.

27. (Original) A unit for a fuel cell, comprising the current collector as set forth in claim 26, provided with a catalyst layer.

28. (Original) A unit for a fuel cell, comprising the current collector as set forth in claim 26, provided with a catalyst layer and a polymer electrolyte film.

29. (Previously Amended) A fuel cell, comprising the unit as set forth in claim 27.

30. (Original) A movable body, mounted with the fuel cell as set forth in claim 29.

31. (Previously Amended) A method for producing the porous conductive sheet as set forth in claim 15, comprising pressurizing the porous conductive sheet in a direction perpendicular to a surface of the sheet in a step of forming the porous conductive sheet.

32. (Previously Added) A fuel cell, comprising the unit as set forth in claim 28.

33. (Previously Added) A movable body, mounted with the fuel cell as set forth in claim 32.

34. (Previously Added) A porous conductive sheet according to claim 15, wherein the pressure loss of the sheet is 40 mm Aq or less at where air is caused to permeate at 14 cm/sec in the thickness direction in the sate where no surface pressure acts on the sheet surface in the thickness direction.

35. (New) A porous conductive sheet comprising:

a sheet of inorganic electrically conductive fibers,

adhesive imparting material deposited on the sheet of inorganic electrically conductive fibers,

and

expanded graphite particles adhered to the inorganic electrically conductive fibers with the adhesive imparting material such that the sheet of inorganic electrically conductive fibers is contained within the expanded graphite particles, and wherein surfaces of the expanded graphite particles are recessed at contact faces between the inorganic electrically conductive fibers and the expanded graphite particles.

36. (New) A current collector for a fuel cell comprising:

a porous conductive sheet comprising:

inorganic electrically conductive fibers,

adhesive imparting material, and

expanded graphite particles adhered to the inorganic electrically conductive fibers with the adhesive imparting material and disposed to form a sheet, wherein surfaces of the expanded graphite particles are recessed at contact faces between the inorganic electrically conductive fibers and the expanded graphite particles; and
a catalyst layer.